## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Lars BJÖRCK et al. 06/12/2009

Title:

METHOD FOR IDENTIFYING AN ANTI-

STREPTOCOCCAL AGENT AND ITS USE

FOR TREATING STREPTOCOCCAL

**INFECTIONS** 

Appl. No.:

10/553,904

Filing Date: 10/21/2005

Examiner:

Unassigned

Art Unit:

1651

## INFORMATION DISCLOSURE STATEMENT **UNDER 37 CFR §1.56**

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a prima facie art reference against the claims of the present application.

## TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

## RELEVANCE OF EACH DOCUMENT

All of the documents are in English. Some of the documents were cited as being relevant during the prosecution of the corresponding International application. A copy of the International Search Report is attached setting forth the portion of each document considered relevant by the Examiner.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 19-0741.

Respectfully submitted,

Date March 29, 2006

FOLEY & LARDNER LLP Customer Number: 22428

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Howard N. Shipley Attorney for Applicant Registration No. 39,370

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	D-4- Ob:44	- d. Manab 26	0 2006	First Named Inventor	Lars BJÖRCK
	Date Submitte	ea: March 2	9, 2006	Group Art Unit	Unassigned
	(use as many s	heets as ne	cessary)	Examiner Name	Unassigned
Sheet	1	of	2	Attorney Docket Number	053694-0131

				U.S. PATENT DOCUMENTS	6	
		U.S. Patent I	Document	Name of Batanta and Amelia and of	Date of Publication of	Pages, Columns, Lines, Where Relevant
Examiner Initials*	Cite No. <sup>1</sup>	Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
	A1	5,340,800		Liu et al.	08/23/1994	
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Cite No.1	Fo Office <sup>3</sup>		Kind Code <sup>5</sup>	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
A2	wo	03/014088	A1	Merck Patent GmbH	02/20/2003		Abs
A3	wo	95/27736		Boehringer Ingelhelm Pharmaceuticals, Inc.	10/19/1995		
A4	wo	00/34487		Regents of the University of Minnesota	06/15/2000		
A5	wo	98/56407		Regents of the University of Minnesota; Dupont Pharmaceuticals Company	12/17/1998		
	No.1 A2 A3 A4	No.1 Office <sup>3</sup> A2 WO A3 WO A4 WO	No.1         Office3         Number4           A2         WO         03/014088           A3         WO         95/27736           A4         WO         00/34487	Cite No.1         Foreign Patent Document           Office3         Number4         Kind Code5 (if known)           A2         WO         03/014088         A1           A3         WO         95/27736         A4           A4         WO         00/34487         A1	Cite No.1         Foreign Patent Document         Name of Patentee or Applicant of Cited Documents           A2         WO         03/014088         A1         Merck Patent GmbH           A3         WO         95/27736         Boehringer Ingelhelm Pharmaceuticals, Inc.           A4         WO         00/34487         Regents of the University of Minnesota           A5         WO         98/56407         Regents of the University of Minnesota; Dupont	No.1         Office3         Number4         Kind Code5 (if known)         Applicant of Cited Documents         MM-DD-YYYY           A2         WO         03/014088         A1         Merck Patent GmbH         02/20/2003           A3         WO         95/27736         Boehringer Ingelhelm Pharmaceuticals, Inc.         10/19/1995           A4         WO         00/34487         Regents of the University of Minnesota         06/15/2000           A5         WO         98/56407         Regents of the University of Minnesota; Dupont         12/17/1998	Cite No.1 Foreign Patent Document Name of Patentee or Applicant of Cited Document MM-DD-YYYY  A2 WO 03/014088 A1 Merck Patent GmbH 02/20/2003  A3 WO 95/27736 Boehringer Ingelhelm Pharmaceuticals, Inc.  A4 WO 00/34487 Regents of the University of Minnesota  A5 WO 98/56407 Regents of the University of Minnesota; Dupont  Date of Publication of Cited Document MM-DD-YYYY  Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear  10/19/1995  06/15/2000  12/17/1998

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sub>e</sub>
	A6	ÅKESSON, Per et al., "M1 protein and Protein H: IgGFc- and albumin-binding streptococcal surface proteins encoded by adjacent genes", Biochem J., 1994, Vol. 300, pgs. 877-886.	
	A7	ALTIERI, Dario C., "Regulation of Leukocyte-Endothelium Interaction by Fribrinogen", Thrombosis and Haemostasis, 1999, Vol. 82, No. 2, pgs. 781-786.	
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Examiner Date Considered			
	Examiner Signature	Considered	

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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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	INFORMATIO	N DISCLO	SURE	Application Number	10/553,904	
	STATEMENT			Filing Date	10/21/2005	
	D 4 O 1 '11'	.l. 14	2006	First Named Inventor	Lars BJÖRCK	
	Date Submitted	d: March 28	9, 2006	Group Art Unit	Unassigned	
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Sheet	2	of	2	Attorney Docket Number	053694-0131	

		NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>	
	A10	CURLEY, G. P. et al., "Integrin antagonists", Cellular and Molecular Sciences, 1999, Vol. 56, Nos. 5-6, pgs. 427-441.		
	A11	DeMASTER, Eric et al., "M <sup>+</sup> Group A Streptococci Are Phagocytized and Killed in Whole Blood by C5a-Activated Polymorphonuclear Leukocytes", Infection and Immunity, 2002, Vol. 70, No. 1, pgs. 350-359.		
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	A20	UGAROVA, Tatiana P. et al., "Recognition and Fibrinogen by Leukocyte Integrins", Annals New York Academy of Sciences, 2001, Vol. 936, pgs. 368-385.		
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Examiner Signature	/Oluwatosin Ogunbiyi/	Date Considered	06/11/2009
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